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| POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS | Application Number | 10/692,491 |
| | Filing Date | October 24, 2003 |
| | First Named Inventor | Ernest C. Chen |
| | Title | Online Output Multiplexer Filter Measurement |
| | Art Unit | 2419 |
| | Examiner Name | Duc Chi Ho |
| | Attorney Docket Number | PD-201150 |

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby Appoint Practitioner(s) named below as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

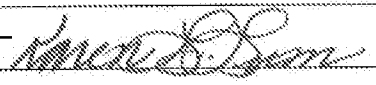
| Practitioner(s) Name | Registration Number |
|----------------------|---------------------|
| Todd N. Snyder | 41,320 |
| Victor G. Cooper | 39,641 |
| Jason S. Feldmar | 39,187 |

Please recognize or change the correspondence address for the above-identified application to the address associated with Customer Number: 20991

I am the Assignee of record of the entire interest.

See 37 CFR 3.71. Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith.

SIGNATURE of Assignee of Record

| | | |
|--|------------------|--------------------|
| Signature –  | Date | September 25, 2010 |
| Name – Karen L. Lum | Telephone | 310-964-0735 |
| Title and Company – Assistant Secretary, The DIRECTV Group, Inc. | | |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of ONE form is submitted.